

A LIST OF BRYOPHYTES FROM THE MT. GREYLOCK REGION.

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OUR knowledge of the distribution of bryophytes depends upon collections made at points so widely separated and is, therefore, of so general a nature as compared with that of the higher orders of plant life that a list from a limited region may furnish something of interest in the way of a comparison and possibly fill desirably an occasional gap. From this standpoint the results of collecting done upon Mt. Greylock during the past summer seem worthy of passing note. The specimens were taken from the northern portion of the mountain-mass, at various points in the townships of Williamstown, New Ashford, North Adams and Adams, and will give at least a fair idea of the prevailing species. For the sake of definiteness I will confine the list to the mountain region, from brook-beds at base to its summit.

Locally its mosses and hepatics are of great interest as occurring, particularly in higher altitudes, in so many species not found elsewhere in the vicinity, and several will be noticed to be uncommon in the state. The mountain lacks alpine conditions and therefore alpine species. Subalpine sorts are, however, well-represented, the flora on the whole, as may be seen by comparison with the Vermont lists, resembling in a marked degree that of the Green Mountain region of that state.

Comparatively little collecting has been done in western Massachusetts, especially in Berkshire County. A short list of Berkshire bryophytes forms a part of Chester Dewey's plant-list for the county in the History of Berkshire County published in 1828. I know of no later attempt to treat systematically either the mosses or hepatics of the region. The same list was incorporated in Prof. Hitchcock's Geological Report of Massachusetts published in 1835.

The nomenclature of the following list follows as closely as possible that of Lesquereux and James' Manual and Prof. Underwood's treatment of Hepatics in 6th edition of Gray's Manual.

MUSCI.

- Anomodon apiculatus*, Br. & Sch.
A. attenuatus, (Schreb.) Hueben.
Atrichum angustatum, Br. & Sch.
A. undulatum, Beauv.
Aulacomnium heterostichum, Br. & Sch.
Barbula unguiculata, (Huds.) Hedw.
Bartramia pomiformis, (L.) Hedw.
Brachythecium reflexum, (Starke) Br. & Sch.
B. salebrosum, (Hoffm.) Br. & Sch.
B. Starkei, (Brid.) Br. & Sch.
Bryum argenteum, L.
B. bimum, Schreb.
B. caespiticium, L.
B. roseum, Schreb.
Ceratodon purpureus, (L.) Brid.
Dicranella heteromalla, Schimp.
D. varia, Schimp.
Dicranum fuscescens, Turn.
D. longifolium, Ehrh.
D. scoparium, (L.) Hedw.
Diphyscium foliosum, Mohr.
Drummondia clavellata, Hook.
Fissidens adiantoides, (L.) Hedw.
F. decipiens, De Not.
Funaria hygrometrica, (L.) Sibth.
Hedwigia ciliata, Ehrh.
Hylocomium splendens, Hedw.
H. triquetrum, (L.) Br. & Sch.
Hypnum crista-castrensis, L.
H. pratense, Koch.
H. Schreberi, Willd.
H. uncinatum, Hedw.
Leptobryum pyriforme, (L.) Wils.
Leucobryum vulgare, Hampe.
Leucodon sciuroides, Schwaegr.
Mnium affine, Bland.
M. cuspidatum, Hedw.
M. punctatum, L.
M. punctatum elatum, Schimp.
M. serratum, Laich.
M. stellare, Reich.
Neckera pennata, (L.) Hedw.
Orthotrichum strangulatum, Beauv.
Philonotis fontana, (L.) Brid.
Physcomitrium turbinatum, (Mx.) Brid.
Plagiothecium denticulatum, (L.) Br. & Sch.
P. turfaceum, Lindb.
Pogonatum alpinum, (L.) Roehl.
P. urnigerum, (L.) Beauv.
Polytrichum commune, L.
P. juniperinum, Willd.
P. Ohioense, Ren. & Card.
P. piliferum, Schreb.
Pylaisia intricata, (Hedw.) Br. & Sch.
Racomitrium aciculare, Brid.
Sphagnum acutifolium, Ehrh.
S. cymbifolium, Ehrh.
S. squarrosum, Pers.
Tetraphis pellucida, Hedw.
Thuidium delicatulum, (L.) Mitt.
Ulota crispa, Brid.
U. crispula, Brid.
U. Hutchinsiae, Schimp.
U. Ludwigii, Brid.
Webera elongata, Schwaegr.
W. nutans, Hedw.

HEPATICAE.

- Bazzania trilobata*, S. F. Gray.
Blasia pusilla, L.
Blepharostoma trichophyllum, Dumort.
Chiloscyphus polyanthos, Corda.
Conocephalus conicus, Dumort.
Fimbriaria tenella, Nees.
Frullania Asagrayana, Mont.
F. Eboracensis, Lehm.
Jungermannia barbata, Schreb.
Lepidozia reptans, Dumort.
Liochlaena lanceolata, Nees.
Lophocolea heterophylla, Nees.
Marchantia polymorpha, L.
Metzgeria conjugata, Lindb.
Porella platyphylla, Lindb.
Preissia commutata, Nees.
Ptilidium ciliare, Nees.
Scapania undulata, Dumort.

A few more species were found but as identification, from imperfection of specimen or other reason, was not certain, they are omitted for the present. Dr. Grout has called attention (RHODORA I, 55) to

the fact that *Leucodon sciuroides* is probably more common in New England than had been supposed and it has been recently found in Maine, New Hampshire and Vermont, though not before, so far as I know, from Massachusetts. *Racomitrium aciculare*, *Pogonatum alpinum* and *urnigerum* and some of the others are not of common occurrence in the state. *Scapania undulata* presented a purplish form possibly corresponding with var. *purpurea*, Nees. The list is by no means an exhaustive one but shows something of the possibilities of more careful observation and study in a locality which has been somewhat neglected.

MT. PLEASANT, PENNSYLVANIA.

SOME PLANTS FROM PRINCE EDWARD ISLAND.

J. R. CHURCHILL.

It would be hard to tell why Prince Edward Island was finally selected for our midsummer migration in 1901. The attractions were not exclusively botanical. Indeed I had been warned that the whole island was cleared and under cultivation, apparently to such an extent that there was no room there for wild flowers; and it was quite plain that my hungry botany-box must be filled with those plants only which, whether wanted or not, follow mankind and intrude upon his fields and gardens. I became quite convinced that my botanical fare would be limited to weeds and to the bold denizens of hedgerows, cultivated ground, roadsides and waste places. But there were alluring reports of a cool dry and bracing climate, of a most comfortable boarding-house at Tracadie Beach on the North shore, of freedom from fogs, and of the salt sea pleasantly warmed for comfortable bathing upon the sandy shoals in the bright sun.

Now even a botanist loves to bathe, provided the water is not too frigid; and he is not superior to the seductions of a good table and house; and I reasoned that even weeds, if new and fresh, are attractive and interesting, and moreover are essential to the complete furnishing of every well-regulated herbarium.

And so it came about that, on the evening of July 19, I landed at Summerside, and put up for two days at the Clifton Hotel, the best of the three modest inns of the quaint little village.